

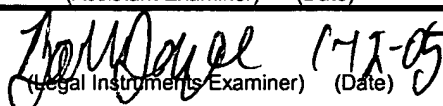


Issue Classification 	Application No. 09/412,647	Applicant(s) KINOSHITA, HIDETOSHI	
	Examiner Tony M Jacobson	Art Unit 2644	

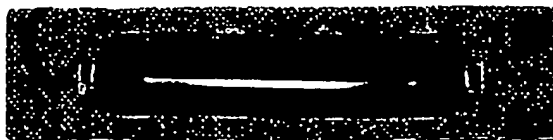
ISSUE CLASSIFICATION										
ORIGINAL					CROSS REFERENCE(S)					
CLASS		SUBCLASS			CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
381		163			381	150	123	164	189	386
INTERNATIONAL CLASSIFICATION					244	134D	134R	134F		
H	0	4	R	23/00	340	582	580			
H	0	4	R	23/02	367	99				
				/	62	140	150	156		
				/	181	148				
				/						

<i>Tony M. Jacobson</i> 1/8/05 (Assistant Examiner) (Date)	 XU MEI PRIMARY EXAMINER (Primary Examiner)	Total Claims Allowed: 3				
 (Legal Instruments Examiner) (Date)	1/16/05 (Date)	<table border="1"> <tr> <td>O.G. Print Claim(s)</td> <td>O.G. Print Fig.</td> </tr> <tr> <td>1</td> <td>3</td> </tr> </table>	O.G. Print Claim(s)	O.G. Print Fig.	1	3
O.G. Print Claim(s)	O.G. Print Fig.					
1	3					

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original
1	1		31		61		121
2	2		32		62		122
3	3		33		63		123
4	4		34		64		124
5	5		35		65		125
6	6		36		66		126
7	7		37		67		127
8	8		38		68		128
9	9		39		69		129
10	10		40		70		130
11	11		41		71		131
12	12		42		72		132
13	13		43		73		133
14	14		44		74		134
15	15		45		75		135
16	16		46		76		136
17	17		47		77		137
18	18		48		78		138
19	19		49		79		139
20	20		50		80		140
21	21		51		81		141
22	22		52		82		142
23	23		53		83		143
24	24		54		84		144
25	25		55		85		145
26	26		56		86		146
27	27		57		87		147
28	28		58		88		148
29	29		59		89		149
30	30		60		90		150
							151
							152
							153
							154
							155
							156
							157
							158
							159
							160
							161
							162
							163
							164
							165
							166
							167
							168
							169
							170
							171
							172
							173
							174
							175
							176
							177
							178
							179
							180
							181
							182
							183
							184
							185
							186
							187
							188
							189
							190
							191
							192
							193
							194
							195
							196
							197
							198
							199
							200
							201
							202
							203
							204
							205
							206
							207
							208
							209
							210

1-511 U.S. PTO
09/412647

Class	Subclass	ISSUE CLASSIFICATION



PATENT NUMBER

U.S. UTILITY PATENT APPLICATION

O.I.P.E. SCANNED <u>CK3</u> <u>RM</u> <u>653</u>	PATENT DATE
---	-------------

SECTOR	CLASS <u>381</u>	SUBCLASS <u>163</u>	ART UNIT <u>2743</u>	EXAMINER <u>J. J. J. J.</u>
--------	---------------------	------------------------	-------------------------	--------------------------------

FILED WITH: ☐ DISK (CRF) ☐ FICHE
(Attached in pocket on right inside flap)2747
2644

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
<u>381</u>	<u>163</u>	<u>381</u>	<u>150</u>	<u>123</u>	<u>164</u>	<u>189</u>	<u>386</u>
INTERNATIONAL CLASSIFICATION		<u>244</u>	<u>134D</u>	<u>134R</u>	<u>134F</u>		
<u>H04R</u>	<u>23/00</u>	<u>340</u>	<u>582</u>	<u>580</u>			
<u>H04R</u>	<u>23/02</u>	<u>367</u>	<u>99</u>				
		<u>62</u>	<u>140</u>	<u>150</u>	<u>156</u>		
		<u>181</u>	<u>148</u>				

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. <u>4</u>	Figs. Drwg. <u>9</u>	Print Fig. <u>3</u>	Total Claims <u>3</u>	Print Claim for O.G. <u>1</u>
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.	<u>Tongyan J. J. J. J.</u> <u>1/8/05</u> (Assistant Examiner) (Date)			NOTICE OF ALLOWANCE MAILED	
<input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	<u>XU MEI</u> <u>PRIMARY EXAMINER</u> <u>1/14/05</u> (Primary Examiner) (Date)			ISSUE FEE	
				Amount Due	Date Paid
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.				ISSUE BATCH NUMBER	
WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.					

Form PTO-438A
(Rev. 10/97)

(LABEL AREA)

BEST AVAILABLE COPY

(FACE)